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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/520,635	03/21/2005	Marc Laverdiere	2002-29-US	5906
	42754 7590 10/01/2007 NIELDS & LEMACK		EXAMINER	
	IN STREET, SUITE 7		KRISHNAMURTHY, RAMESH	
WESTBORO, MA 01581			ART UNIT	PAPER NUMBER
			. 3753	
		, and the second		
			MAIL DATE	DELIVERY MODE
			10/01/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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1	Application No.	Applicant(s)		
	10/520,635	LAVERDIERE ET AL.		
Office Action Summary	Examiner	Art Unit		
	/Ramesh Krishnamurthy/	3753		
The MAILING DATE of this communicate Period for Reply	ation appears on the cover sheet with	the correspondence address		
A SHORTENED STATUTORY PERIOD FOR WHICHEVER IS LONGER, FROM THE MAI - Extensions of time may be available under the provisions of after SIX (6) MONTHS from the mailing date of this commun - If NO period for reply is specified above, the maximum statul - Failure to reply within the set or extended period for reply will Any reply received by the Office later than three months afte earned patent term adjustment. See 37 CFR 1.704(b).	ILING DATE OF THIS COMMUNICA 37 CFR 1.136(a). In no event, however, may a reply ication. tory period will apply and will expire SIX (6) MONTH: II, by statute, cause the application to become ABAN	TION. y be timely filed S from the mailing date of this communication. IDONED (35 U.S.C. § 133).		
Status		•		
1) Responsive to communication(s) filed	on <u>16 June 2006</u> .			
2a) ☐ This action is FINAL . 2b)⊠ This action is non-final.			
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
closed in accordance with the practice	under <i>Ex parte Quayle</i> , 1935 C.D. 1	1, 453 O.G. 213.		
Disposition of Claims				
4) ⊠ Claim(s) 1 - 52 is/are pending in the ap 4a) Of the above claim(s) is/are 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) ⊠ Claim(s) 1 - 52 are subject to restriction	withdrawn from consideration.			
Application Papers				
9) The specification is objected to by the				
10) The drawing(s) filed on is/are: a				
Applicant may not request that any objecti				
Replacement drawing sheet(s) including the sath or declaration is objected to be		·		
Priority under 35 U.S.C. § 119				
12) Acknowledgment is made of a claim fo a) All b) Some * c) None of: 1. Certified copies of the priority do 2. Certified copies of the priority do 3. Copies of the certified copies of application from the International	ocuments have been received. ocuments have been received in App the priority documents have been re al Bureau (PCT Rule 17.2(a)).	olication No eceived in this National Stage		
•				
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	O-948) Paper No(s)/N	nmary (PTO-413) Mail Date rmal Patent Application		

Application/Control Number: 10/520,635

Art Unit: 3753

This office action is responsive to communications filed June 16, 2006.

Claims 1 – 52 are pending.

1. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group 1, claim(s) 1 - 15, drawn to a method and apparatus for flow control.

Group 2, claim(s) 16 - 34, drawn to proportional fluid control valve system.

Group 3, claim(s) 35 - 38, drawn to a method of assisting a fluid valve in dispensing.

Group 4, claim(s) 39 - 52, drawn to a device having a set of computer readable instructions pertaining to flow control.

The inventions listed as Groups 1 - 4 do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: The special technical feature of Group 1 is the control based on pressure drop associated with a frictional flow element. The special technical feature of Group 2 is the structure of a proportional fluid control valve. The special technical feature of Group 3 is the method of assisting a fluid flow valve in terminating the dispensing of fluid. The special technical feature of Group 4 is set of computer readable instructions pertaining to flow control stored on computer réadable memory.

Page 3

2. Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To reserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Should applicant traverse on the ground that the inventions or species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the inventions or species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions

Application/Control Number: 10/520,635 Page 4

Art Unit: 3753

unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C.103(a) of the other invention.

3. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramesh Krishnamurthy whose telephone number is (571) 272 – 4914. The examiner can normally be reached on Monday - Friday from 10:00 AM to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Huson, can be reached on (571) 272 – 4887. The fax phone number for the organization where this application or proceeding is assigned is (571) 273 – 8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Ramesh Krishnamurthy/ Ramesh Krishnamurthy Primary Examiner Art Unit 3753